

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(tension same limiter same pounds)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:08
L2	8	L1 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:08
L3	16753	(tension same limit\$3 same spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:10
L4	766	(adjust\$4 with tension with limit\$3) same (spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:10
L5	601	L4 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:10
L6	13	L5 and (catheter or guidewire or (guide near wire))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:11
L7	3	spring same force same break\$3 same (steerable with stylet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:20
L8	2	L7 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:20
L9	2631	(adjust\$4 with tension with mechanism) same (spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:22
L10	3	L9 and (steerable with stylet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:22
L11	3	L9 and (steerable with ((guide near wire) or guidewire or probe or stylet))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:23
L12	3	L9 and (steer\$4 with ((guide near wire) or guidewire or probe or stylet))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:24
L13	8834	(adjust\$4 with tension with (mechanism or device or handle or portion or lever or switch)) same (spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:24

L14	11	l13 and (steer\$4 with ((guide near wire) or guidewire or probe or stylet))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:25
L15	8	L14 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 19:25
S1	2	("6,132,390").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/13 10:55
S2	198	(US-20030040684-\$ or US-20040143197-\$ or US-20060184105-\$ or US-20040064024-\$ or US-20040097804-\$ or US-20040116849-\$ or US-20020004638-\$ or US-20040267162-\$ or US-20060089569-\$ or US-20060229657-\$ or US-20020072689-\$ or US-20030060821-\$ or US-20030069578-\$ or US-20030078574-\$ or US-20040097806-\$ or US-20040116848-\$ or US-20040215139-\$ or US-20010041862-\$ or US-20020147484-\$ or US-20020188311-\$ or US-20030130712-\$ or US-20030199818-\$ or US-20040116878-\$ or US-20040204701-\$ or US-20040267280-\$ or US-20050027249-\$).did. or (US-20050055043-\$ or US-20060079949-\$ or US-20060129178-\$ or US-20070021767-\$ or US-20070032850-\$ or US-20030120171-\$ or US-20060100694-\$).did. or (US-5263963-\$ or US-6776765-\$ or US-4957110-\$ or US-5184621-\$ or US-5327906-\$ or US-5368048-\$ or US-6027462-\$ or US-6059739-\$ or US-6607496-\$ or US-6805676-\$ or US-6871085-\$ or US-7101361-\$ or US-5180368-\$ or US-4796642-\$ or US-5417708-\$ or US-5562698-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/09/13 12:59

5569296-\$ or US-6045734-
\$ or US-6973352-\$ or US-
5397321-\$ or US-5928191-
\$ or US-5944689-\$ or US-
6074351-\$ or US-4848344-
\$ or US-4899732-\$ or US-
5211636-\$.did. or (US-
RE34633-\$ or US-
5376083-\$ or US-5396902-
\$ or US-5439006-\$ or US-
5571161-\$ or US-5662119-
\$ or US-5665064-\$ or US-
5674271-\$ or US-5769858-
\$ or US-5807324-\$ or US-
5833604-\$ or US-5868665-
\$ or US-5873842-\$ or US-
6123699-\$ or US-6198974-
\$ or US-6554794-\$ or US-
6652517-\$ or US-6755794-
\$ or US-6893438-\$ or US-
7037290-\$ or US-7056314-
\$ or US-4552554-\$ or US-
5697948-\$ or US-4846804-
\$ or US-5817046-\$ or US-
5895378-\$ or US-5897533-
\$).did. or (US-5919163-\$
or US-5947927-\$ or US-
4046151-\$ or US-4135518-
\$ or US-4815476-\$ or US-
4865037-\$ or US-4886074-
\$ or US-4945920-\$ or US-
5184627-\$ or US-5235978-
\$ or US-5336205-\$ or US-
5354327-\$ or US-5372592-
\$ or US-5382238-\$ or US-
5392791-\$ or US-5397302-
\$ or US-5456694-\$ or US-
5489271-\$ or US-5527298-
\$ or US-5599324-\$ or US-
5755685-\$ or US-5871467-
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5919164-\$ or US-5935160-
\$ or US-5935122-\$ or US-
5957967-\$.did. or (US-
5968085-\$ or US-6018857-
\$ or US-6080113-\$ or US-
6132456-\$ or US-6146338-
\$ or US-6185464-\$ or US-
6190352-\$ or US-6197016-
\$ or US-6217585-\$ or US-
6254610-\$ or US-6264611-
\$ or US-6348045-\$ or US-
6379334-\$ or US-6607538-
\$ or US-6689141-\$ or US-
6697677-\$ or US-6702781-
\$ or US-6733473-\$ or US-

		6868291-\$ or US-6907298-\$ or US-6939338-\$ or US-7283878-\$ or US-5222487-\$ or US-5357961-\$ or US-5267958-\$ or US-5755695-\$ or US-4106512-\$).did. or (US-4860769-\$ or US-4991588-\$ or US-5246014-\$ or US-5538512-\$ or US-6053904-\$ or US-6485440-\$ or US-4585013-\$ or US-5261887-\$ or US-5322513-\$ or US-5261419-\$ or US-5277231-\$ or US-5314462-\$ or US-5425756-\$ or US-5489269-\$ or US-5514174-\$ or US-5531741-\$ or US-5769077-\$ or US-5845646-\$ or US-5947940-\$ or US-6053876-\$ or US-6168623-\$ or US-4177809-\$ or US-4258725-\$ or US-4289144-\$ or US-4307723-\$ or US-4332259-\$ or US-4350169-\$).did. or (US-4379462-\$ or US-4381013-\$ or US-4394866-\$ or US-4411654-\$ or US-4437474-\$ or US-4454888-\$ or US-4456017-\$ or US-4458677-\$ or US-4463765-\$ or US-4468224-\$ or US-4496347-\$ or US-4498482-\$ or US-4548206-\$ or US-RE32227-\$ or US-4608986-\$ or US-4628943-\$ or US-4632668-\$ or US-4774948-\$ or US-4787892-\$ or US-4791937-\$ or US-4791939-\$ or US-4826485-\$ or US-4850983-\$ or US-4874365-\$ or US-4890626-\$ or US-4892095-\$ or US-4894052-\$).did. or (US-4898163-\$ or US-4911689-\$ or US-4917104-\$ or US-4919651-\$).did.				
S3	7	S2 and (beam near strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 12:59

S4	53	("2118631" "3802440" "4209019" "4215703" "4271845" "4456017" "4719924" "4757827" "4822345" "4886067" "5060660" "5282478" "5304131" "5315996" "5322064" "5327906" "5396902" "5437288" "5439006" "5441483" "5573520" "5605162" "5605543" "5662119" "5674271" "5726615" "5743876" "5752915" "5758656" "5820591" "5824031" "5833632" "5851203" "5873842" "5916178" "5938623" "5957903" "6004279" "6017319" "6027462" "6039743" "6048339" "6059739" "6068623" "6132390" "6183420" "6203506" "6485440" "6607496").PN. OR ("6776765").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/13 13:03
S5	0	S4 and (beam near strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:04
S6	1	S4 and (beam with strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:04
S7	0	S4 and (band with strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:06
S8	25	S4 and (strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:06
S9	3	(breaking near stress near force) with pounds	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:14
S10	3	S9 and (catheter or guidewire or (guide near wire))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:14
S11	66487	"I3" and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:15
S12	2	S10 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:16

S13	291	(steerable near (stylet or catheter or (guide near wire) or guidewire)) same (notch or cut\$4 or slit or groove or slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:19
S14	192	S13 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:19
S15	24	S14 and (depth same (notch or cut\$4 or slit or groove or slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 13:20
S16	4	S14 and ((bend\$3 or flex \$3) same ((multiple near direction) or multi-directional or (plurality near direction\$2) or bidirectional))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 14:58
S17	23	S15 and force	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:06
S18	2	S15 and (force with pound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:08
S19	14	S13 and (force with pound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:08
S20	12	S14 and (force with pound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:08
S21	10	S20 not S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:09
S22	10	(tension same limiter same pounds)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:11
S23	8	S22 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:11
S24	2	S23 and (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:12
S25	2	S23 and (steer\$4 same (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:12
S26	0	S25 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:12

S27	7583	(tension same pound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:13
S28	35	(tension same pound) and (steer\$4 same (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:13
S29	19	S28 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:13
S30	17	S29 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:13
S31	1024	(break\$3 with force) with pounds	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:26
S32	75	S31 and (catheter or guidewire or (guide near wire))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:27
S33	51	S32 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:27
S34	16794	(steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:33
S35	10638	S34 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:34
S36	10	S35 and (break\$ with (stress or strength) with (lb or pound))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 15:34
S37	53	"5353798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:27
S38	2	("5353798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/13 19:27
S39	6676	(beam near strength) or (band near strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:29
S40	12	S39 and (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:29

S41	3113	"I15" and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:29
S42	5	S40 and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:30
S43	2502	(force or pound) same (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:31
S44	1524	S43 and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:39
S45	1316	(force or pound) with (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:39
S46	3	(break with (force or pound)) with (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:40
S47	2	S46 and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:40
S48	1016	(wire with (force or pound)) with (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:41
S49	580	S48 and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:41
S50	16	(wire with (pound)) with (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:42
S51	14	S50 and @ad< "20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:42
S52	18	(wire with (pound)) same (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:46

S53	2	S52 not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 19:46
S54	2220	(tension limit\$3) same (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:03
S55	29	(tension with limit\$3) same (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:03
S56	18	S55 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:03
S57	2	S56 and pound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:05
S58	16	S56 not S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:05
S59	0	("2003/0040684").URPN.	USPAT	OR	ON	2009/09/13 20:09
S60	50	("2118631" "3802440" "4209019" "4215703" "4271845" "4456017" "4719924" "4757827" "4822345" "4886067" "5060660" "5282478" "5304131" "5315996" "5322064" "5327906" "5396902" "5437288" "5439006" "5441483" "5573520" "5605162" "5605543" "5662119" "5674271" "5726615" "5743876" "5752915" "5758656" "5820591" "5824031" "5833632" "5851203" "5873842" "5916178" "5938623" "5957903" "6004279" "6017319" "6027462" "6039743" "6048339" "6059739" "6068623" "6132390" "6183420" "6203506" "6485440" "6607496").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/13 20:09
S61	0	S60 and pound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:09

S62	0	S60 and break%4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:09
S63	10	S60 and break\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:09
S64	12671	(tactile near feedback)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:22
S65	646	S64 and (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:22
S66	374	S65 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:22
S67	36	(tactile near feedback) with (steer\$4 with (catheter or wire or guidewire or (wire near guide) or (guide near wire)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:23
S68	21	S67 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/13 20:23
S69	2	("6132390").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/13 21:53
S70	132	tension\$3 same spring same (core near wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 15:37
S71	104	S70 and @ad<"20040106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 15:37
S72	14	S71 and (steer\$4 with catheter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/10 15:37

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